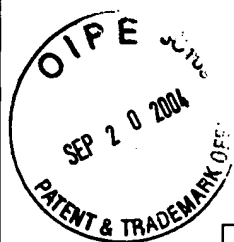


Amendments to the Drawings

Formal Drawings are submitted to the Official Draftsman, a copy of which is attached hereto.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:	G. Glenn Henry Thomas C. McDonald
Serial No.:	09/898583
Filed:	07/03/01
Docket:	CNTR.2020
For:	APPARATUS AND METHOD FOR DENSELY PACKING A BRANCH INSTRUCTION PREDICTED BY A BRANCH TARGET ADDRESS CACHE AND ASSOCIATED TARGET INSTRUCTIONS INTO A BYTE.WIDE INSTRUCTION BUFFER

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TRANSMITTAL OF FORMAL DRAWINGS

Official Draftsman
Patent and Trademark Office
Washington, D.C. 20231

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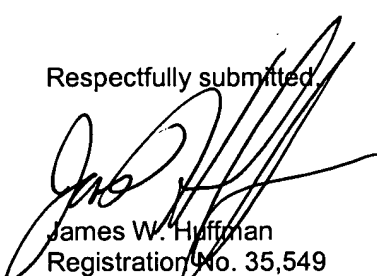
Sir:

Applicant submits herewith Formal Drawings for the above referenced patent application. The Official Draftsman is encouraged to contact applicant at the number below if any questions arise which would otherwise delay issuance of a patent for this application.

15

Respectfully submitted,

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Date: 9-20-04

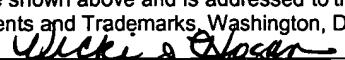
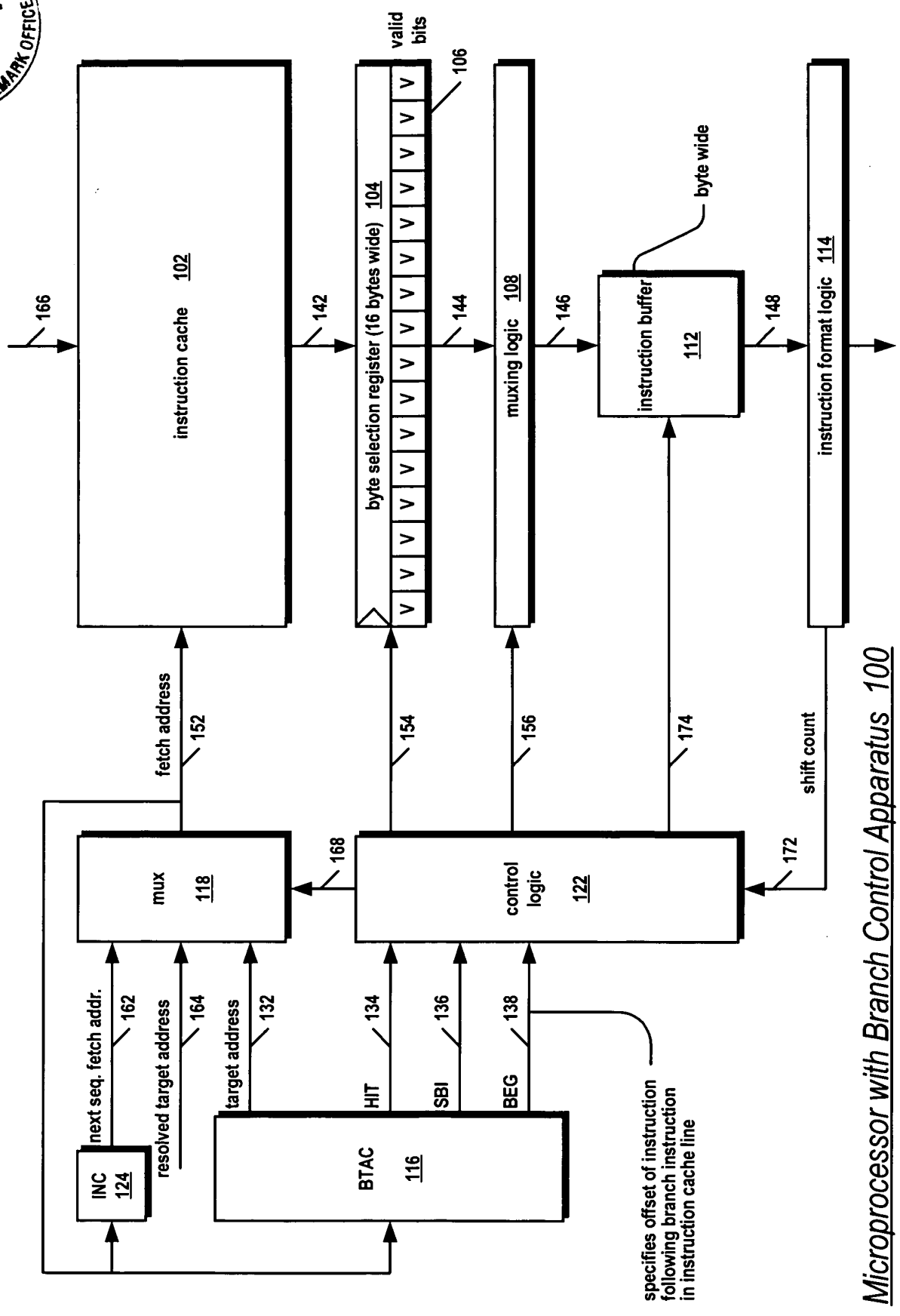
"EXPRESS MAIL" mailing label number **ED04135950445**
Date of Deposit 9-20-04. I hereby certify that this
paper is being deposited with the U.S. Postal Service Express Mail
Post Office to Addressee Service under 37 C.F.R. §1.10 on the
date shown above and is addressed to the U.S. Commissioner of
Patents and Trademarks, Washington, D.C. 20231.
By: 

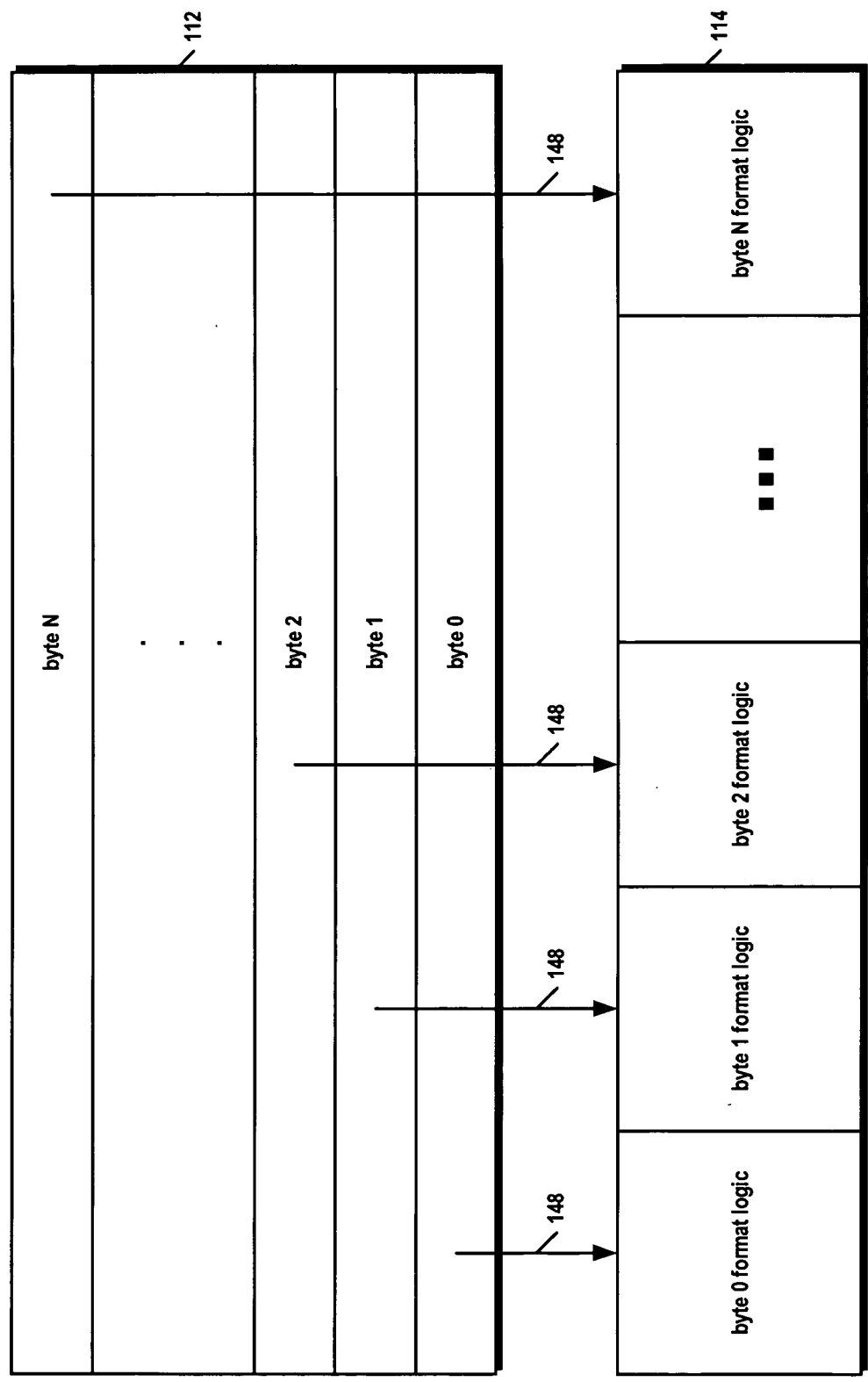
FIG. 1



Microprocessor with Branch Control Apparatus 100

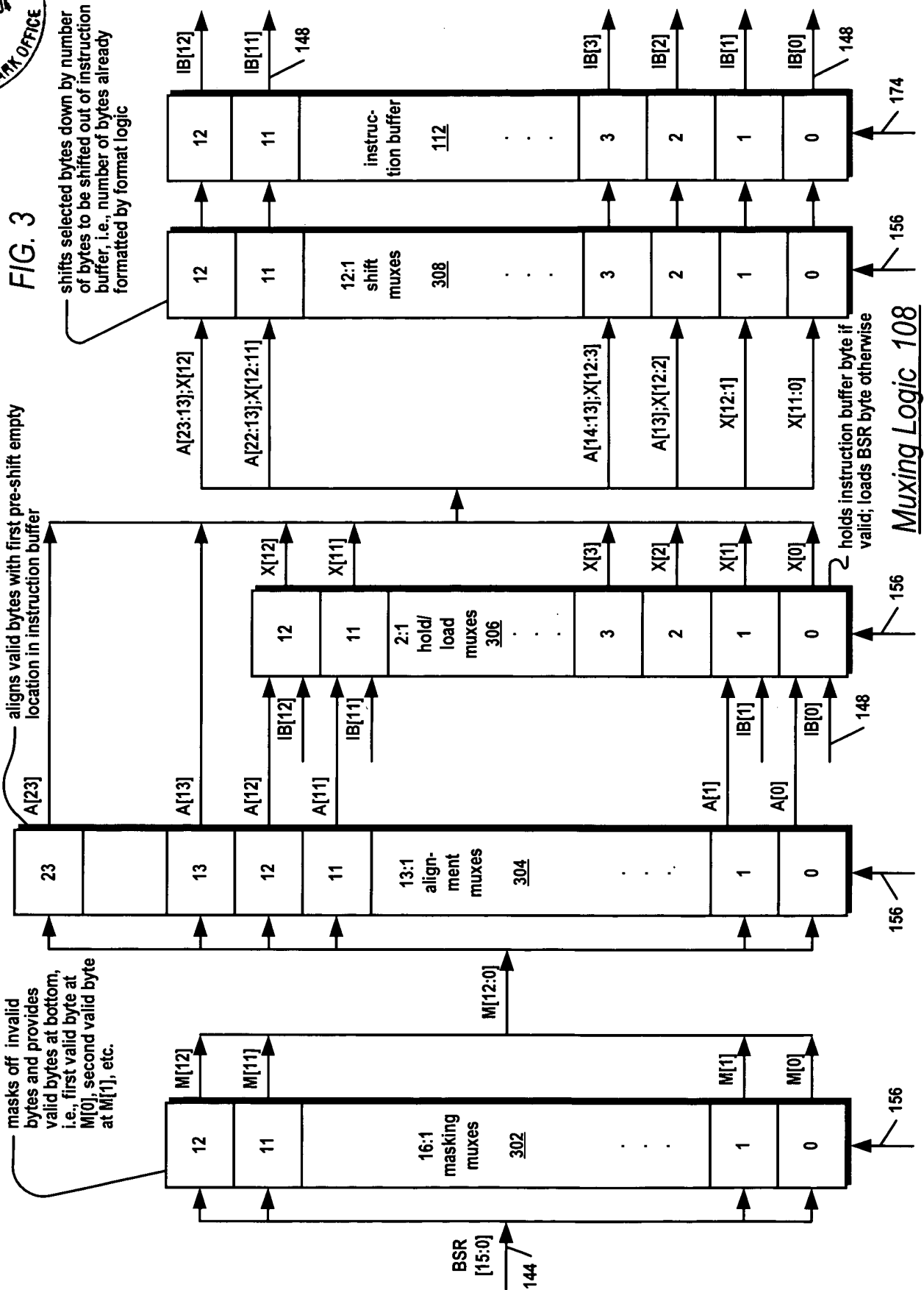


FIG. 2



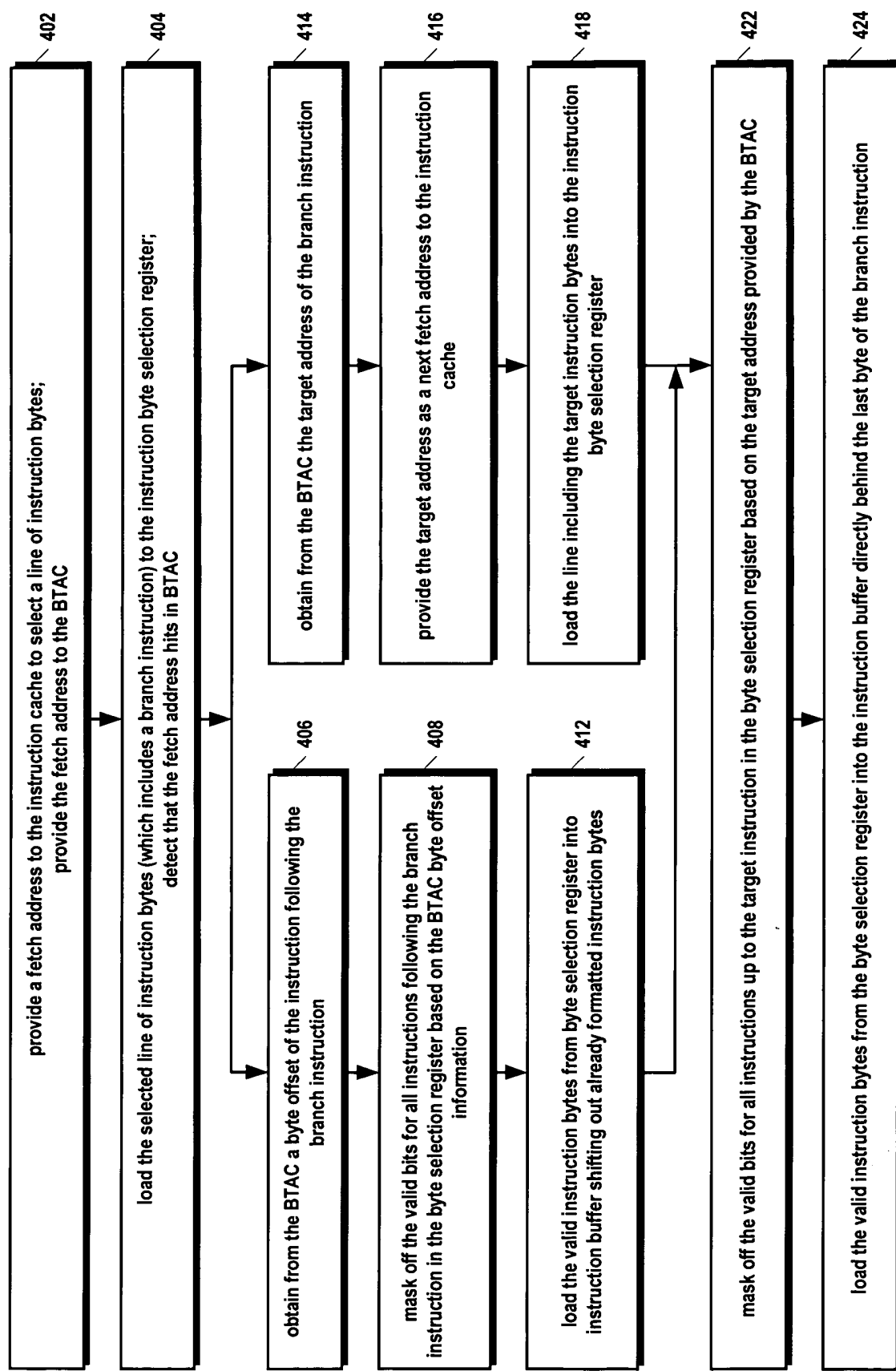
Instruction Buffer to Instruction Format Logic Coupling 100

FIG. 3



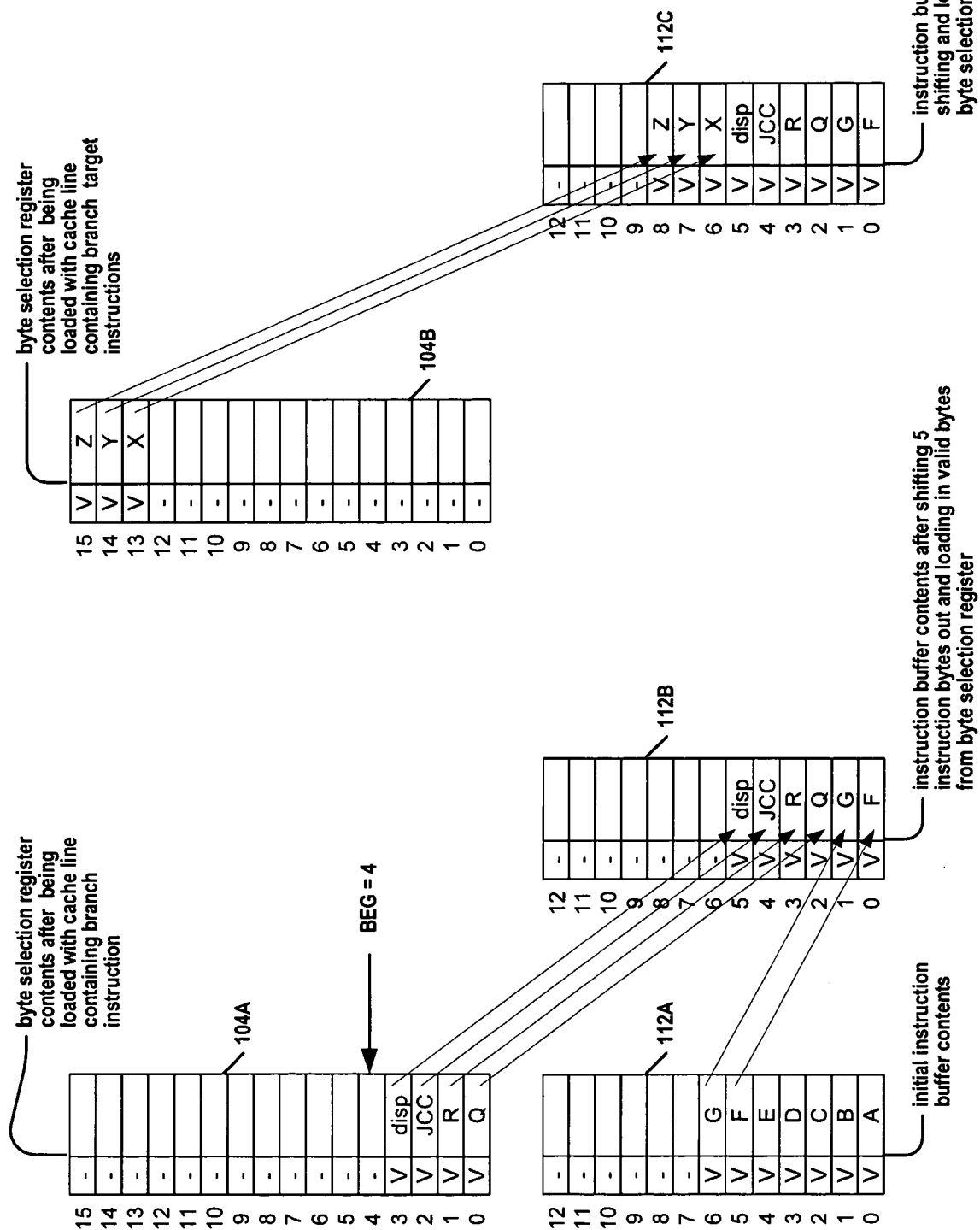
Muxing Logic 108

FIG. 4



Instruction Byte Selection Method

FIG. 5



Branch Control Apparatus Operation Example